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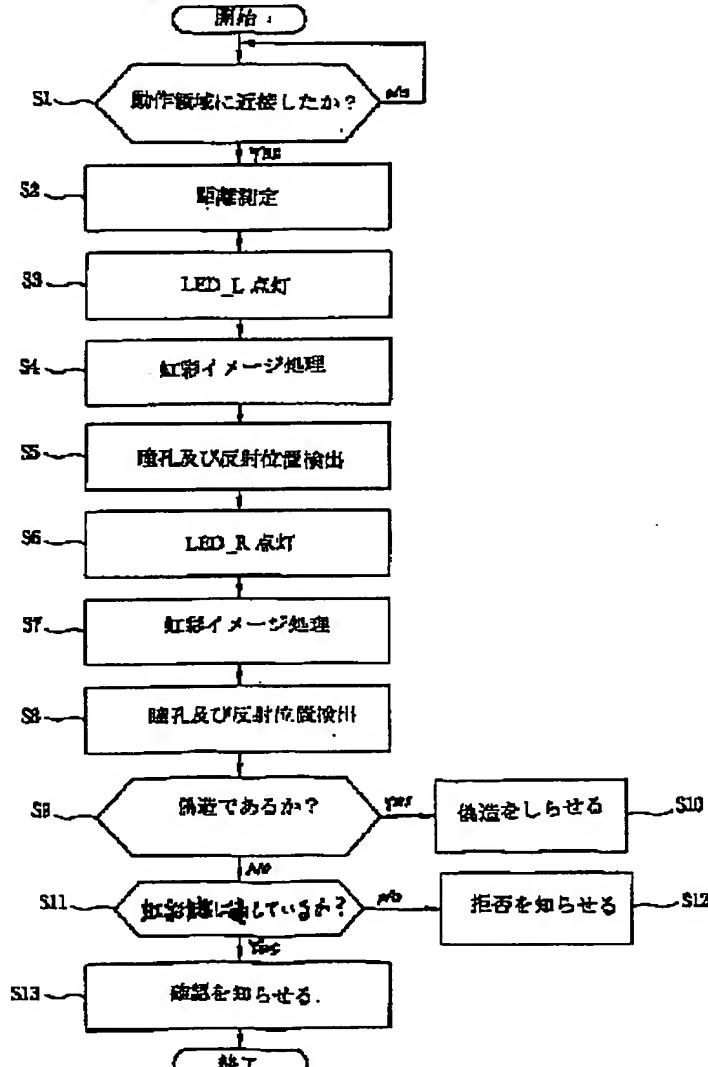
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(54) METHOD FOR  
DISCRIMINATING FORGERY IN  
IRIS RECOGNITION SYSTEM

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To speedily and precisely judge whether an image of an iris, which is obtained in a camera, is a forged one by having eyes irradiated from a small light source, analyzing the iris image containing the image of the light source and judging the truth of the iris based on a position of the image of the light source in the image of the iris.

**SOLUTION:** A light emitting diode installed at the left of a camera is lighted with eyes as reference, and a reflection video of the light emitting diode is recognized from the videos of iris and pupil parts (S2-S5). The light emitting diode on the right is lighted, and the reflection video of the light emitting diode is recognized from the videos of the iris and pupil parts (S6-S8). It is recognized whether the reflection video appears in a prescribed position. When it does not appear in the prescribed position, the video is judged to be a forgery and this is notified (S9-S10). When the image that the camera took matches with the iris registered in a database (S11), this is notified (S13). When the registered iris is not recognized, the denial of output is notified (S12).



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